



# REED TOOLS

**VICES  
PIPE TOOLS**

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**REED MANUFACTURING CO.**  
**ERIE, PENNSYLVANIA, U. S. A.**

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# REED TOOLS

CATALOG NO. 40

**REED MANUFACTURING CO.**  
Erie, Pennsylvania, U. S. A.

**MACHIN-  
ISTS'  
VISES**

**OTHER  
BENCH  
VISES**

**COMB'N  
VISES**

**VISE CAPS**

**VISE  
PARTS**

**PIPE VISES**

**STRAP  
WRENCH**

**PIPE VISE  
PARTS  
POST  
BENCH  
RATCHET  
REAMERS**

**PIPE  
CUTTERS**

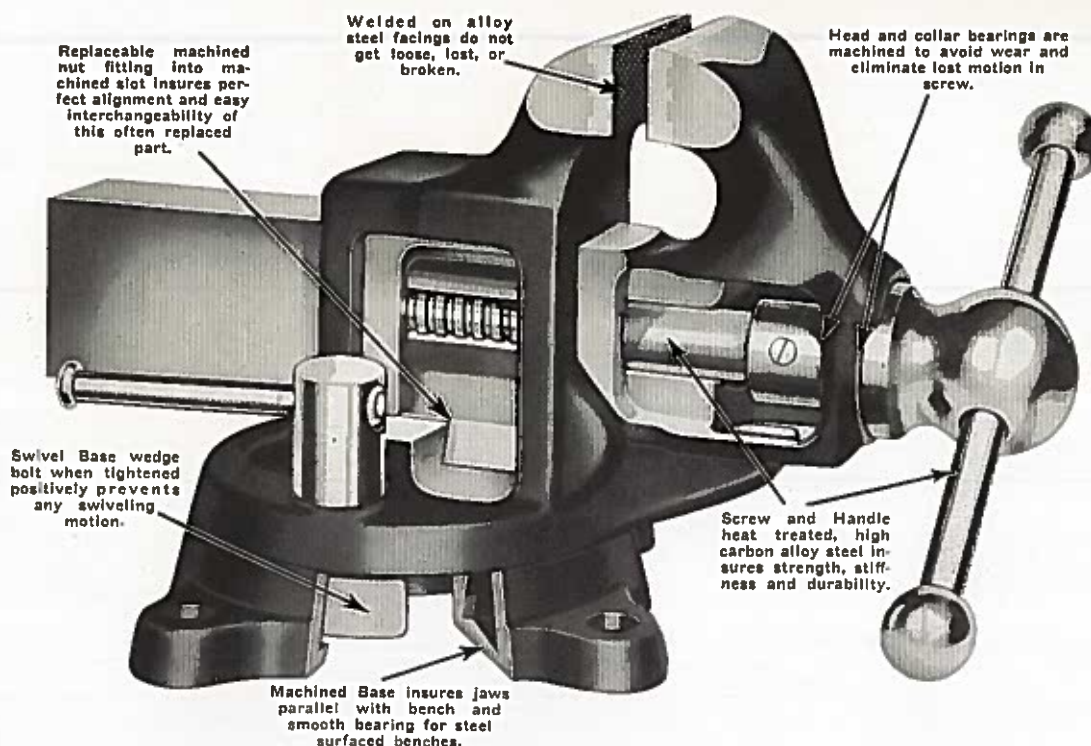
**PIPE  
CUTTER  
WHEELS  
PIPE DIES**

**RATCHET  
THREADER  
SETS**

**PLAIN  
THREADER  
SETS**

**3-WAY  
THREADER  
SETS  
ADJUSTABLE  
BOLT DIES  
AND SETS**

**SOLID  
BOLT DIES  
& SETS  
MISC'L  
DIES**



ALL PARTS MACHINED TO ACCURATE LIMIT GAUGES TO PROVIDE ENTIRE INTERCHANGEABILITY

### REED VISES

**Material:** The body and sliding jaw for REED Vises are made of a mixture of steel and iron under our own exclusive formula which our extensive experience has proved gives the utmost in rigidity, strength and durability.

**Machining:** All parts for REED Vises are carefully machined to close limit gauges at all contact points. They have large bearing surfaces, snug but easy working fits, and *perfect interchangeability of all parts.*

**Jaw Facings:** Tool steel facings securely welded on, cover the entire face of the jaws. For this reason REED Vise facings do not get loose, lost or broken, and actually double the strength of the Vise at the working edge. The deeply milled curved corrugations made under a patented REED process give an exceptional grip. Accurately hardened and tempered under electric heat control, the facings and corrugations have a long life of useful service.

**Design:** The present design was arrived at by the experience gained through deliberate breaking tests. Metal was added where strength was needed, consequently, there are no weak spots in REED Vises.

**Inspection:** Careful inspection of every part as well as the finally assembled REED Vise gives assurance that our high standard of quality has been maintained.

**Smooth Jaws:** Can be furnished with a slight extra delay but no extra cost.



# REED MACHINISTS' VISES

## NO. 100 SERIES

### Stationary Jaw

### Stationary Base

Vise No.	Code Word	List Price Each	Width of Jaw Inches	Weight Pounds	Jaws Open Inches
<del>102½</del>	<del>ABBOT</del>	<del>5 9.00</del>	<del>2½</del>	<del>15</del>	<del>3½</del>
103	ABEAR	10.00	3	22	4
103½	ABHOR	11.25	3½	30	5
104	ABIDE	12.75	4	45	6
104½	ABLAT	15.50	4½	60	7
105	ABOMA	20.00	5	77	8
<del>105½</del>	<del>ABRAD</del>	<del>30.00</del>	<del>5½</del>	<del>114</del>	<del>9</del>
106	ABTEN	39.00	6	139	10
107	ABUSE	55.00	7	191	12
108	ABYSS	75.00	8	247	12
<del>109</del>	<del>ABZUG</del>	<del>90.00</del>	<del>9</del>	<del>297</del>	<del>13</del>

Use above code with code on page 28.



For list of parts see page 6.

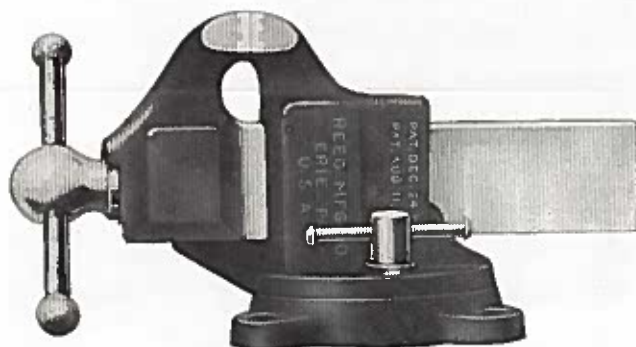
The base of this Vise is machined and has four bolt holes arranged so that the REED Vise can be securely bolted to the bench directly over a leg. This is the proper location to get the maximum rigidity and the use of four bolts instead of three gives additional inertia to the Vise. For more complete description see opposite page. **For portable Post Bench for sizes No. 103 and No. 103½ Vises see page 10.**

# REED MACHINISTS' VISES

## NO. 200 SERIES

### Stationary Jaw

### Swivel Base



For list of parts see page 6.

Vise No.	Code Word	List Price Each	Width of Jaw Inches	Weight Pounds	Jaws Open Inches
<del>202½</del>	<del>ACERB</del>	<del>512.00</del>	<del>2½</del>	<del>20</del>	<del>3½</del>
203	ACIDY	13.00	3	27	4
203½	ACHEG	15.00	3½	38	5
204	ACLAT	17.00	4	51	6
204½	ACMEL	20.00	4½	66	7
205	ACQUI	30.00	5	89	8
<del>205½</del>	<del>ACORN</del>	<del>38.00</del>	<del>5½</del>	<del>120</del>	<del>9</del>
206	ACROG	52.00	6	153	10
207	ACTOR	70.00	7	204	12
208	ACUTE	98.00	8	278	12
<del>209</del>	<del>ACYLO</del>	<del>115.00</del>	<del>9</del>	<del>327</del>	<del>13</del>

Use above code with code on page 28.

After the Vise has been swung into the desired position and the clamping device tightened by the lock nut, the REED Swivel Base Vise is not only securely held at the center, but also clamped together at the rim, thereby obtaining the greatest measure of rigidity. This clamping device gives a positive, non-slip grip at any desired position. For more complete description see opposite page. **For portable Post Bench for sizes No. 203 and No. 203½ Vises see page 10.**

**NOS. REDLINED INDICATES VISES ELIMINATED FOR THE DURATION BY W. P. B. LIMITATION ORDER.**

MACHINISTS' VISES

OTHER BENCH VISES

COMB'N VISES

VISE CAPS

VISE PARTS

PIPE VISES

STRAP WRENCH

PIPE VISE PARTS

POST BENCH

RATCHET

REAMERS

PIPE CUTTERS

PIPE CUTTER

WHEELS

PIPE DIES

RATCHET

THREADER

SETS

PLAIN

THREADER

SETS

3-WAY

THREADER

SETS

ADJUSTABLE

BOLT DIES

AND SETS

SOLID

BOLT DIES

& SETS

MISC'L

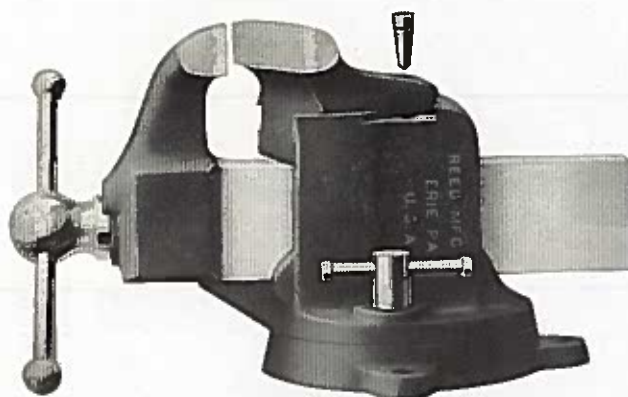
DIES

## REED MACHINISTS' VISES

## NO. 400 SERIES

Swivel Jaw

Swivel Base



Vise No.	Code Word	List Price Each	Width of Jaw Inches	Weight Pounds	Jaws Open Inches
<del>402½</del>	<del>ALBUM</del>	<del>\$16.00</del>	<del>2½</del>	<del>22</del>	<del>3</del>
<del>403</del>	<del>ALERK</del>	<del>17.50</del>	<del>3</del>	<del>31</del>	<del>3½</del>
<del>403½</del>	<del>ALGUP</del>	<del>20.00</del>	<del>3½</del>	<del>43</del>	<del>4</del>
<del>404</del>	<del>ALIKE</del>	<del>24.00</del>	<del>4</del>	<del>58</del>	<del>4¾</del>
<del>404½</del>	<del>ALLAY</del>	<del>28.00</del>	<del>4½</del>	<del>75</del>	<del>5½</del>
<del>405</del>	<del>ALMUG</del>	<del>35.00</del>	<del>5</del>	<del>98</del>	<del>6½</del>
<del>405½</del>	<del>ALOND</del>	<del>44.00</del>	<del>5½</del>	<del>139</del>	<del>7¾</del>
<del>406</del>	<del>ALPHA</del>	<del>60.00</del>	<del>6</del>	<del>164</del>	<del>9</del>
<del>407</del>	<del>ALWAY</del>	<del>75.00</del>	<del>7</del>	<del>223</del>	<del>11½</del>
<del>408</del>	<del>ALZAR</del>	<del>105.00</del>	<del>8</del>	<del>300</del>	<del>12</del>

For list of parts see page 6.

Use above code with code on page 28.

The back jaw of this type of REED Vise, unlike other swivel jaw vises, will automatically adjust itself to hold any irregularly shaped object without the necessity of swinging the back jaw into position by hand. When the lock pin is in place, the Vise operates as, and has all the rigidity of, a solid jaw Vise. For more complete description see page 2.

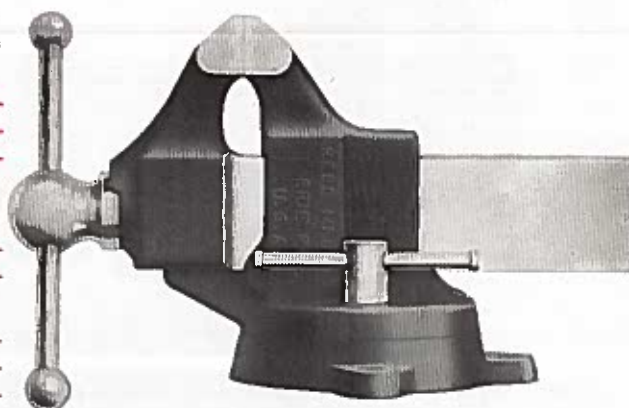
## REED TOOLMAKERS' VISES

## NO. 110 SERIES

Made in Three Types

Vise No.	Code Word	List Price Each	Width of Jaw Inches	Weight Pounds	Jaws Open Inches
<b>STATIONARY JAW, STATIONARY BASE</b>					
<del>114</del>	<del>APARK</del>	<del>\$14.50</del>	<del>4</del>	<del>45</del>	<del>5½</del>
<del>114½</del>	<del>APELT</del>	<del>16.50</del>	<del>4½</del>	<del>56</del>	<del>6¼</del>
<del>115</del>	<del>APISH</del>	<del>20.50</del>	<del>5</del>	<del>74</del>	<del>7½</del>
<b>STATIONARY JAW, SWIVEL BASE</b>					
<del>214</del>	<del>APPLE</del>	<del>\$18.00</del>	<del>4</del>	<del>57</del>	<del>5½</del>
<del>214½</del>	<del>APRON</del>	<del>20.00</del>	<del>4½</del>	<del>66</del>	<del>6¼</del>
<del>215</del>	<del>APSHL</del>	<del>30.00</del>	<del>5</del>	<del>98</del>	<del>7½</del>
<b>SWIVEL JAW, SWIVEL BASE</b>					
<del>414</del>	<del>AROSE</del>	<del>\$24.00</del>	<del>4</del>	<del>57</del>	<del>4¾</del>
<del>414½</del>	<del>ARPEN</del>	<del>28.00</del>	<del>4½</del>	<del>72</del>	<del>5½</del>
<del>415</del>	<del>ARRAY</del>	<del>36.00</del>	<del>5</del>	<del>98</del>	<del>6¼</del>

Use above code with code on page 28.



For list of parts see page 6.

This Vise has high specially designed jaws which permit the workman to get closer to the work with his hands and to file at acute angles without interference from the jaws. They also enable him to "sight" his work more closely. For more complete description see page 2.

**NOS. REDLINED INDICATES VISES ELIMINATED FOR THE DURATION BY W. P. B. LIMITATION ORDER.**



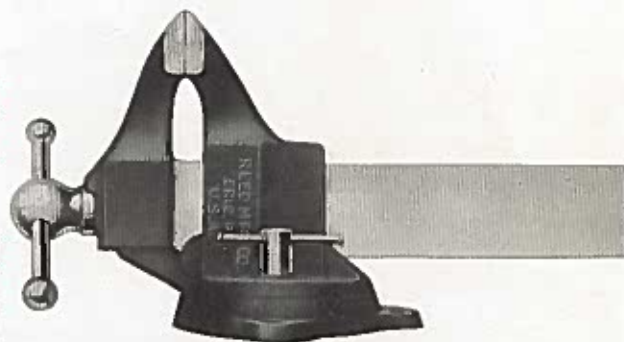
# REED BODYMAKERS' AND WOODWORKERS' VISES

## NO. 120 SERIES

Made in Four Types

Vise No.	Code Word	List Price Each	Width of Jaw Inches	Weight Pounds	Jaws Open Inches
<b>STATIONARY JAW, STATIONARY BASE</b>					
<del>124</del>	<del>AMBER</del>	<del>\$15.00</del>	<del>4</del>	<del>40</del>	<del>7</del>
<del>124½</del>	<del>AMOVE</del>	<del>17.50</del>	<del>4½</del>	<del>68</del>	<del>11</del>
<b>STATIONARY JAW, SWIVEL BASE</b>					
<del>224</del>	<del>AMPLE</del>	<del>\$20.00</del>	<del>4</del>	<del>51</del>	<del>7</del>
<del>224½</del>	<del>AMUSK</del>	<del>22.50</del>	<del>4½</del>	<del>78</del>	<del>11</del>
<b>SWIVEL JAW, STATIONARY BASE</b>					
<del>324</del>	<del>ANCON</del>	<del>\$21.00</del>	<del>4</del>	<del>51</del>	<del>6½</del>
<del>324½</del>	<del>ANENZ</del>	<del>25.00</del>	<del>4½</del>	<del>71</del>	<del>10</del>
<b>SWIVEL JAW, SWIVEL BASE</b>					
<del>424</del>	<del>ANNEX</del>	<del>\$25.00</del>	<del>4</del>	<del>59</del>	<del>6½</del>
<del>424½</del>	<del>ANVIL</del>	<del>30.00</del>	<del>4½</del>	<del>76</del>	<del>10</del>

Use above code with code on page 28.



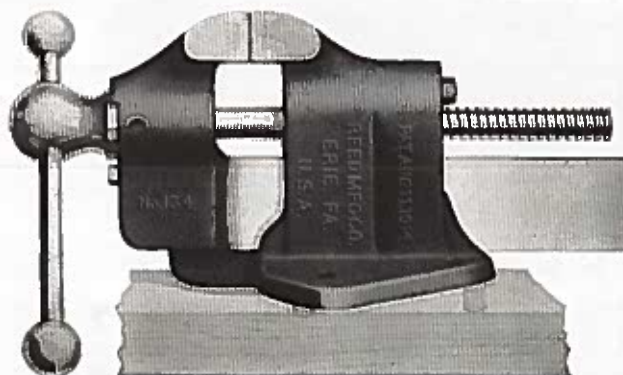
For list of parts see page 6.

The extra deep throat of this Vise allows work to be dropped down low in the jaws eliminating vibration. The big, lean jaws have faces of more than ordinary area to provide extra gripping surface. The tool steel jaw facings are milled parallel and then ground to perfect smoothness to prevent marring fine work, a feature appreciated also by pattern makers. For more complete description see page 2.

# REED STEAMFITTERS' VISES

## NO. 130 SERIES

Made in Two Types



For list of parts see page 6.

Vise No.	Code Word	List Price Each	Holds Pipe Inches	Width of Jaw Inches	Weight Pounds	Jaw Facings Per Pair
<b>STATIONARY BASE</b>						
<del>134</del>	<del>AWALK</del>	<del>\$14.00</del>	<del>½ to 4</del>	<del>4</del>	<del>51</del>	<del>\$3.00</del>
<del>134½</del>	<del>AWANT</del>	<del>20.00</del>	<del>½ to 6</del>	<del>4½</del>	<del>75</del>	<del>4.00</del>
<del>135</del>	<del>AWARK</del>	<del>28.00</del>	<del>½ to 6</del>	<del>5</del>	<del>97</del>	<del>5.00</del>
<del>136</del>	<del>AWEED</del>	<del>42.00</del>	<del>½ to 8</del>	<del>6</del>	<del>155</del>	<del>7.00</del>
<b>SWIVEL BASE</b>						
<del>234</del>	<del>AWEST</del>	<del>\$18.00</del>	<del>½ to 4</del>	<del>4</del>	<del>62</del>	<del>\$3.00</del>
<del>234½</del>	<del>AWILK</del>	<del>25.00</del>	<del>½ to 6</del>	<del>4½</del>	<del>83</del>	<del>4.00</del>
<del>235</del>	<del>AWIND</del>	<del>36.00</del>	<del>½ to 6</del>	<del>5</del>	<del>110</del>	<del>5.00</del>
<del>236</del>	<del>AWIRT</del>	<del>54.00</del>	<del>½ to 8</del>	<del>6</del>	<del>170</del>	<del>7.00</del>

Use above code with code on page 28.

The location of the main screw permits a design which together with the box-like construction makes this Vise the strongest and most rigid Vise yet produced, not alone for use as a Steamfitters' Vise but also as a heavy duty Machinists' Vise. To hold pipe from turning requires sharper corrugation in jaw facings than ordinary machine use, consequently, these facings are replaceable and interchangeable. The nut, the part subject to the most wear, is easily replaceable in the REED Vise. When the nut in the REED Vise is worn out it is not necessary to purchase an entire new body, as is the case with other Vises of this particular type.

**NOS. REDLINED INDICATES VISES ELIMINATED FOR THE DURATION BY W. P. B. LIMITATION ORDER.**

OTHER  
BENCH  
VISES

COMB'N  
VISES  
VISE CAPS  
VISE  
PARTS

PIPE VISES  
STRAP  
WRENCH

PIPE VISE  
PARTS  
POST  
BENCH  
RATCHET  
REAMERS

PIPE  
CUTTERS

PIPE  
CUTTER  
WHEELS  
PIPE DIES

RATCHET  
THREADER  
SETS

PLAIN  
THREADER  
SETS

3-WAY  
THREADER  
SETS  
ADJUSTABLE  
BOLT DIES  
AND SETS

SOLID  
BOLT DIES  
& SETS  
MISC'L  
DIES

**UNDER W. P. B. ORDER, BRASS CAPS ARE OUT FOR DURATION,  
WE OFFER LEAD CAPS AS A SUBSTITUTE.**

### REED BRASS CAPS FOR VISE JAWS

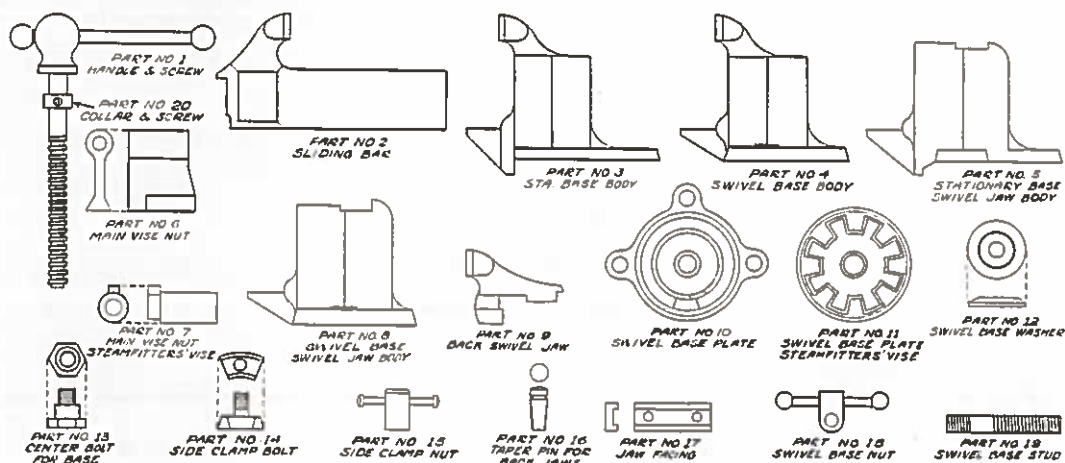


Width Jaw Inches	Code Word	List Price Per Pair
3	AFAIR	\$1.50
3½	AFECT	1.80
4	AFFIX	2.10
4½	AFIRM	2.50
5	AFOOT	3.10
5½	AFRIC	4.00
6	AFTER	5.00

Use above code with code on page 28.

REED Vise Jaw Caps prevent marring of fine work by the hardened corrugations of the jaw facings. Though easily removed, they are held securely in position and will neither fall off nor shift position.

### Parts for Machinists', Toolmakers', Bodymakers' and Steamfitters' Vises



### List of Parts for Machinists', Toolmakers' and Bodymakers' Vises

Width of Vise Jaw	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 8	No. 9	No. 10	No. 13	No. 14	No. 15	No. 16	No. 20
2	\$ 1.60	\$ 4.10	\$ 4.10	\$ 4.10	\$ 4.10	\$ 0.45	\$ 4.10	\$ 3.50	\$ 1.80	\$0.30	\$0.30	\$0.30	\$0.30	\$0.20
2½	1.75	4.50	4.50	4.50	5.00	.50	5.00	4.00	2.20	.40	.40	.30	.30	.30
3	2.00	5.00	5.00	5.00	5.50	.70	5.50	4.50	2.50	.50	.50	.40	.30	.30
3½	2.40	5.60	5.60	5.60	6.00	.70	6.00	5.00	3.00	.60	.60	.50	.40	.30
4	3.00	6.50	6.50	6.50	7.00	1.05	7.00	5.50	4.00	.70	.70	.60	.40	.40
4½	4.00	7.80	7.80	7.80	9.00	1.05	9.00	6.00	5.00	.80	.80	.70	.50	.40
5	5.00	10.00	10.00	10.00	11.50	1.60	11.50	7.00	6.00	.90	.90	.80	.60	.50
5½	6.50	15.00	15.00	15.00	15.00	2.10	15.00	8.00	7.00	1.00	1.00	.90	.70	.60
6	8.00	19.50	19.50	19.50	21.00	2.10	21.00	9.50	8.00	1.20	1.20	1.00	.80	.70
7	10.00	27.50	27.50	27.50	27.50	3.00	27.50	12.00	10.00	1.50	1.50	1.20	.90	.80
8	12.00	37.50	37.50	37.50	37.50	3.75	37.50	15.00	14.00	1.75	1.75	1.50	1.00	.90
9	14.00	45.00	45.00	45.00	.....	4.50	.....	.....	16.00	2.00	2.00	1.75	.....	1.00

### List of Parts for Steamfitters' Vises

Width of Vise Jaw	No. 1	No. 2	No. 3	No. 4	No. 7	No. 11	No. 12	Pair No. 17	No. 18	No. 19	No. 20
4½	\$ 6.50	\$ 9.50	\$ 9.50	\$ 9.50	\$1.00	\$2.65	\$0.30	\$4.00	\$1.10	\$0.75	\$0.35
6	10.25	20.50	20.50	20.50	1.75	4.65	.55	7.00	2.00	1.35	.65

In ordering parts always give, first—Name of Part; second—Number of Part; third—Number on the Vise; fourth—Width of Vise Jaw. Be sure to see that the Vise bears our name, otherwise it is not our make and any part ordered will probably not fit.



# REED COMBINATION VISES WITH LONG BEARING PIPE JAWS

## No. 1 C Series

Vise No.	Code Word	List Price Each	Holds Pipe Inches	Width Jaw	Weight Pounds	Jaws Open Inches	List Price Jaws per Set (2)
<del>1C</del>	<del>ASCUS</del>	<del>\$17.50</del>	<del>1/8 to 2 1/2</del>	<del>3 1/2</del>	<del>54</del>	<del>5</del>	<del>\$2.70</del>
2C	ASHEN	24.00	1/8 to 3 1/2	4 1/2	S3	6 1/2	3.60
<del>3C</del>	<del>ASSAY</del>	<del>38.00</del>	<del>1/4 to 4 1/2</del>	<del>5</del>	<del>120</del>	<del>8</del>	<del>6.00</del>
4C	ASTEG	60.00	1/4 to 6	6	185	10	9.00

Use above code with code on page 28.



A strong rugged Combination Vise which may be used either as a Machinists' Vise, or for holding pipe and rods.

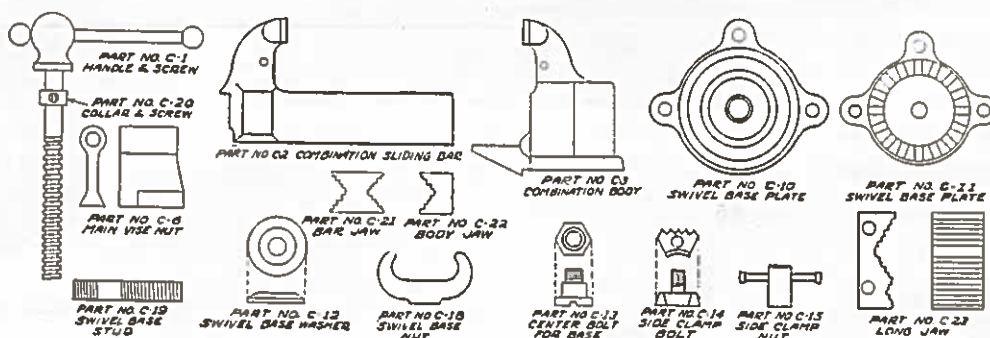
The Pipe Jaws do not extend beyond the face of the vise jaw, and consequently do not interfere with work when the vise is being used as a Machinists' Vise. The new long bearing pipe jaws are milled from alloy tool steel bars. They grip pipe securely without any tendency to mar, crush, or bend it.

The swivel base of this vise has an effective positive locking device which will hold it securely in any position desired by the user.

The other essential features of this vise are the same as those of the REED Machinists' Vises (described on page 2) from which it was adapted.

A sturdy durable vise for the severest of service requirements.

## LISTS OF PARTS FOR COMBINATION VISES



Vise No.	Width of Jaw	No. C-1	No. C-2	No. C-3	No. C-6	No. C-10	No. C-13	No. C-14	No. C-15	No. C-20	No. C-23
<del>1C</del>	<del>3 1/2</del>	<del>\$3.00</del>	<del>\$6.50</del>	<del>\$6.50</del>	<del>\$1.00</del>	<del>\$3.00</del>	<del>\$0.60</del>	<del>\$0.60</del>	<del>\$0.50</del>	<del>\$0.40</del>	<del>\$2.70</del>
2C	4 1/2	5.00	8.50	8.50	1.50	5.00	.80	.80	.70	.50	3.60
<del>3C</del>	<del>5</del>	<del>6.50</del>	<del>15.50</del>	<del>15.50</del>	<del>2.00</del>	<del>6.00</del>	<del>.90</del>	<del>.90</del>	<del>.80</del>	<del>.60</del>	<del>6.00</del>
4C	6	10.00	26.00	26.00	3.00	8.00	1.20	1.20	1.00	.70	9.00

Vise No.	Width of Jaw	No. C-1	No. C-2	No. C-3	No. C-6	No. C-11	No. C-12	No. C-18	No. C-19	No. C-20	No. C-21	No. C-22
31	3 1/2	\$3.00	\$6.50	\$6.50	\$1.00	\$3.00	\$0.20	\$0.50	\$0.60	\$0.40	\$0.90	\$0.90
32	4 1/4	5.00	8.50	8.50	1.50	5.00	.30	.70	.80	.50	1.20	1.20
33	5	6.50	15.50	15.50	2.00	6.00	.50	.80	.90	.60	2.00	2.00
34	6	10.00	26.00	26.00	3.00	8.00	.60	1.00	1.20	.70	3.00	3.00

NOS. REDLINED INDICATES VISES ELIMINATED FOR THE DURATION BY W. P. B. LIMITATION ORDER.

COMB'N VISES

VISE CAPS

VISE PARTS

PIPE VISES

STRAP WRENCH

PIPE VISE PARTS  
POST BENCH  
RATCHET REAMERS

PIPE CUTTERS

PIPE CUTTER WHEELS

PIPE DIES

RATCHET THREADER SETS

PLAIN THREADER SETS

3-WAY THREADER SETS  
ADJUSTABLE BOLT DIES AND SETS

SOLID BOLT DIES & SETS

MISC'L DIES



For list of parts see page 10.

## REED *Long Jaw* PIPE VISES

Vise No.	Code Word	List Price Each	Holds Pipe Inches	Weight Each Pounds	List Set (3) Jaws
00	AGAIL	\$ 3.60	$\frac{1}{8}$ to $1\frac{1}{2}$	6	\$1.50
0	AGATE	4.25	$\frac{1}{8}$ to 2	8	1.80
1	AGENT	5.00	$\frac{1}{8}$ to $2\frac{1}{2}$	11	1.80
2	AGIST	7.50	$\frac{1}{8}$ to $3\frac{1}{2}$	18	2.55
3	AGONE	11.00	$\frac{1}{8}$ to $4\frac{1}{2}$	27	3.60

Use above code with code on page 28.

The REED **Long Jaw** Pipe Vise has many features which distinguish it from others. The long bearing alloy tool steel jaws hold pipe firmly without the tendency to crush, mar or bend it. The lower jaws are reversible, thus giving them twice the life of ordinary jaws. Only a slight pull on the handle is necessary as the action of the upper jaw is such that any tendency to revolve the pipe only causes the vise to grip it more firmly. The threaded lock nut on the end of the screw allows take up for wear. An automatic take up keeps these vises from getting loose or sloppy from wear. The hook design is such that it will close and hold automatically. It is equipped with an effective pipe bender.

## REED *Long Jaw* CLAMP KIT VISES

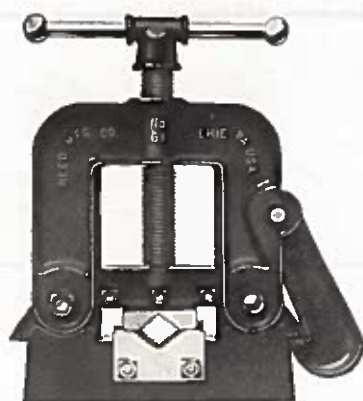
Vise No.	Code Word	List Price Each	Holds Pipe Inches	Clamp Opens Inches	Clamps on to Pipe Up to Inches	Weight Each Pounds	List Set (3) Jaws
100	AKOUT	\$4.50	$\frac{1}{8}$ to $1\frac{1}{2}$	$2\frac{1}{2}$	2	8	\$1.50
10	AKODO	5.00	$\frac{1}{8}$ to 2	4	$3\frac{1}{2}$	13	1.80
11	AKONE	6.50	$\frac{1}{8}$ to $2\frac{1}{2}$	4	$3\frac{1}{2}$	15	1.80

Use above code with code on page 28.



For list of parts see page 10.

These new Reed Clamp Vises have a specially designed base that can be effectively clamped to a pipe as well as a post or bench. This feature, which no other similar clamp vise has, is one which greatly increases the usefulness of this type of vise. This Reed Clamp Vise with the long bearing pipe jaws has all of the outstanding features of the Reed **Long Jaw** Pipe Vises described above.



## REED LARGE CAPACITY EXTRA HEAVY PIPE VISES

Vise No.	Code Word	List Price Each	Holds Pipe Inches	Weight Each Pounds	List Set (3) Jaws
64	ATONY	\$23.50	1/8 to 6	49	\$ 6.00
65	ATTIC	47.50	1 to 8	81	8.55
66	ATZUL	70.00	1 1/2 to 12	163	13.50

Use above code with code on page 28.

For list of parts see page 10.

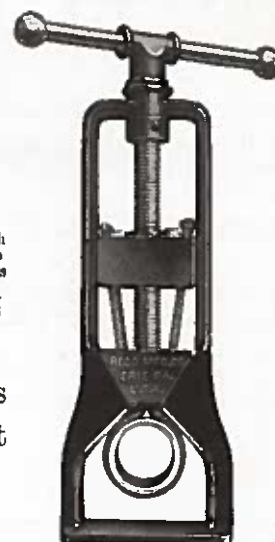
## STRAP VISE

For Polished Pipe and Tubing

Vise No.	Code Word	Vise List Each	Holds Pipe Inches	Weight Pounds	Strap Each	Length Strap Inches	Width Strap Inches
51	AZOIC	\$4.00	1/8 to 2	9 1/2	\$0.75	17	2 1/8

Use code above with code on page 28.

A Vise for holding polished pipe without the necessity of bushings for each size of pipe. The Strap holds the pipe firmly without scratching or marring the polished surface.



## STRAP WRENCH

For Polished Pipe and Tubing



Wrench No.	Code Word	Wrench List Each	Takes Pipe Inches	Weight Pounds	Length Inches	Length Strap Inches	Width Strap Inches	Straps List Each	Extra Length Strap Per Inch
12	URALD	\$1.50	1/8 to 2	1 1/2	12	18	1 1/8	\$0.40	\$0.03
18	URBER	3.00	1 to 5	2 3/4	18	30	1 3/4	1.00	0.04

Use code above with code on page 28.

A Wrench for screwing up polished pipe and tubing without scratching or marring it. Used also for automobile hub and radiator caps as well as other places where a regular Wrench would mar the piece

PIPE VISES

STRAP  
WRENCH

PIPE VISE  
PARTS  
POST  
BENCH  
RATCHET  
REAMERS

PIPE  
CUTTERS

PIPE  
CUTTER  
WHEELS  
PIPE DIES

RATCHET  
THREADER  
SETS

PLAIN  
THREADER  
SETS

3-WAY  
THREADER  
SETS  
ADJUSTABLE  
BOLT DIES  
AND SETS

SOLID  
BOLT DIES  
& SETS

MISC'L  
DIES